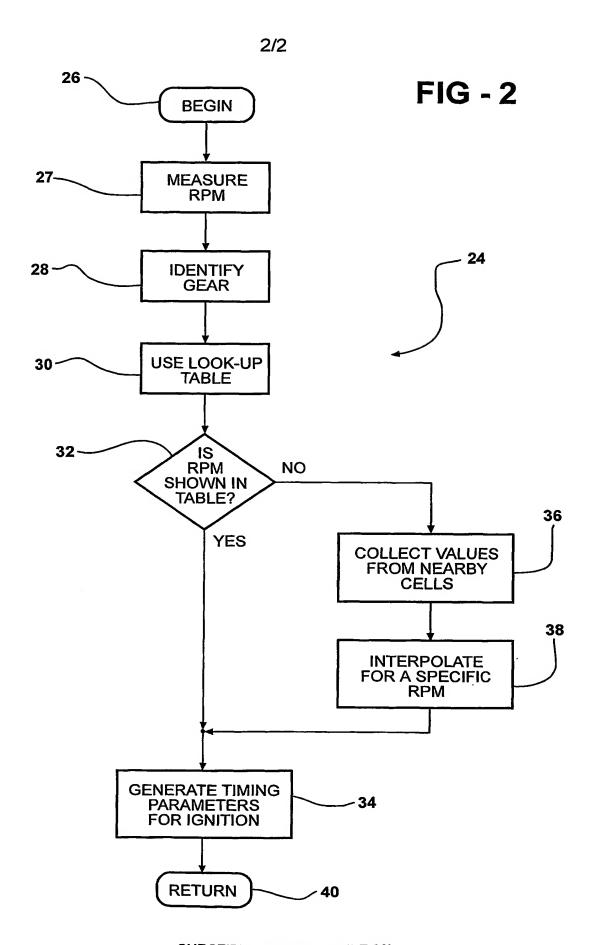


SUBSTITUTE SHEET (RULE 26)



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/07582

			PC1/US01/U/58	2
A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : B60K 41/04; F02P 5/06				
US CL : 477/101, 107, 111, 123/406.2, 406.25				
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
U.S.: 477/101, 107, 111; 123/406.2, 406.25				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
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Electronic d	ata base consulted during the international search (na	me of data base and, w	here practicable,	search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document with indication where a	ppropriate of the relevi	cont mossos ma	I Balancia I i N
A	Citation of document, with indication, where appropriate, of the relevant passages US 5,887,568 A (TAKEYAMA et al.) 30 March 1999 (30.03.1999), Col. 2, lines 46-55,			Relevant to claim No.
••	Fig. 1.			1-11
A	US 5,161,503 A (YANO et al.) 10 November 1992 (10.11.1992), Col. 2, lines 22-46, Fig. 2.			
Α				1-11
Α	US 4,924,832 A (ABE) 15 May 1990 (15.05.1990), Col. 2, line 65 to Col. 3, line 37, Figs. 1-2.			1-11
Α	US 4,895,120 A (TOBINAGA et al.) 23 January 1990 (23.01.1990), Col. 2, lines 21-42, Fig. 3.			1-11
Α	US 4,852,537 A (NAGANO et al.) 01 August 1989 (01.08.1989), Col. 1, line 50 to Col.			1 11
**	2, line 3, Fig. 5.			1-11
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Further	r documents are listed in the continuation of Box C.	San natant f	amily annou	
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	pecial categories of cited documents:	date and not in	t published after the into	ernational filing date or priority cation but cited to understand the
	t defining the general state of the art which is not considered to be		cory underlying the inv	
or partici	ular relevance	"X" document of p	articular relevance: the	claimed invention cannot be
"E" carlier ap	oplication or patent published on or after the international filing date	considered nov	el or cannot be conside	ered to involve an inventive step
"L" document	t which may throw doubts on priority claim(s) or which is cited to	when the docu	ment is taken alone	
establish	the publication date of another citation or other special reason (as			claimed invention cannot be
specified)	considered to involve an inventive ste		
"O" document referring to an oral disclosure, use, exhibition or other means			to a person skilled in th	h documents, such combination to art
"P" document published prior to the international filing date but later than the		"&" document men	ther of the come	family.
"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed				
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Name and mailing address of the ISA/US		Authorized officer		
Commissioner of Patents and Trademarks Box PCT		Authorized officer Ha Ho Diane Smith for		
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/07582

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

NEW ABSTRACT

A method for controlling the ignition of an internal combustion engine (10) for a motor vehicle. More specifically, the method controls the timing of ignition for each of cylinder of the internal combustion engine (10). Control of the timing is based on two parameters, i.e., the speed at which the internal combustion engine (10) is operating and the gear in which the transmission (22) is operating. The speed is measured in terms of revolutions per minute. The gear helps to gauge what type of load may be present on the internal combustion engine (10). By identifying each of these parameters, it may easily be determined at what value the timing may be. If the specific speed of the vehicle is not located within the look-up table, where the data is stored, the method will interpolate the timing value based on values close to the value of the speed of the internal combustion engine (10) based on the neighboring values thereof.

Form PCT/ISA/210 (continuation of first sheet(2)) (July 1°98)